

DOE Industrial Technologies Program

E-Bulletin

A Monthly Update from the U.S. Department of Energy Industrial Technologies Program

March 2004

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Visit DOE's Office of Energy Efficiency and Renewable Energy Web site at: <http://www.eere.energy.gov/>

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Welcome to this edition of the *E-Bulletin*—your connection to news and resources from DOE's Industrial Technologies Program (ITP). Each monthly edition brings you the latest industrial news highlights, and announcements about new tools and resources, training, events, and project opportunities.

Read the *E-Bulletin* and tap into opportunities to improve industrial energy efficiency today...and tomorrow!

HEADLINES

Partnering for Success

[Partnering for Success](#) features more than 70 companies that collaborate with ITP in a variety of activities, and contribute to major advances in the development of energy efficiency technologies, increased productivity, and environmental performance. Discover how ITP partners go the extra mile to raise awareness about the benefits of industrial energy efficiency!

ITP Annual Reports Summary

The [Annual Reports Summary](#) is a compilation of ITP's 12 annual industry reports highlighting 2003 accomplishments, current status, and challenges and opportunities. The reports also describe specific industry research portfolios, and how companies can get involved with ITP.

ITP Corporate Peer Review: March 9-10, 2004

Plan to attend the National Academies' Corporate Peer Review of ITP to be held March 9-10, 2004, in Arlington, VA. Industry input is vital to help define and evaluate ITP's objectives and strategies for the coming years. Visit the web site at www.itp2004.com for more details.

National Coalition for Advanced Manufacturing (NACFAM) Workshop: April 6, 2004

NACFAM is hosting "[Building a 21st Century Electricity Infrastructure to Meet the Needs of 21st Century Manufacturing](#)", April 6, 2004, in Washington, D.C. Sponsored by The Electric Power Research Institute (EPRI), the workshop will introduce the **Electricity Sector Framework for the Future**. Join in this vision to help shape and support a more robust, secure and industrial user-friendly electricity grid.

Opportunities for Innovative Energy Systems in the U. S. Chemical Industry

ITP and [Chemical Vision2020](#) are working together to identify and develop technologies to improve energy efficiency and enhance productivity in the chemical industry. Review the [Opportunities for Innovative Energy Systems Challenge](#) to learn more about integrated chemical processing and energy supply systems within plants. Please watch for the upcoming "Innovative Energy Systems Pilot Project—Chemicals" funding announcement on DOE's [e-Center](#) Web site and on ITP's [solicitation page](#).

Energy-Saving Burner Now Available

An [energy-efficient, very low emissions burner](#) developed with ITP sponsorship is being installed by boiler operators in Southern California to meet demanding environmental requirements in that area. This new burner, commercialized by [Johnston Burner Company](#), can reach single-digit NOx levels, typically associated with selective catalytic reduction (SCR) post combustion treatment, but is more cost and energy-efficient than the SCR system.



U.S. Department of Energy

Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

HEADLINES *(continued)*

Highlights from the 2004 Industrial Assessment Center (IAC) Student Meeting

The [2004 IAC Student Meeting](#) was held on February 19-20, 2004, in Washington, D.C., attended by 33 IAC students from centers across the United States. The future energy engineers met with DOE management and policy makers to discuss energy policy, and held energy-related presentations and career discussions.

NEW PRODUCTS AND RESOURCES FROM ITP

ITP offers technical publications, software tools, and other resources to help address your company's industrial energy needs. Here are the latest products from ITP:

Attention: Decision Tools CD Users

If you have received a copy of **Decision Tools for Industry: A Portfolio of Powerful Assessment Tools**, dated March 2003 or December 2003, please visit the [BestPractices Software Tools](#) Web page to download the most current version of AIRMaster+ 1.0.9.

Case Studies

[Corning Inc.: Proposed Changes at Glass Plant Indicate \\$26 Million in Potential Savings](#) in Greenville, Ohio. This plant-wide assessment identified projects to reduce annual natural gas use by 123,000 MMBtu, electricity use by 72.2 million kWh, and CO₂ emissions by 180 million pounds, with an annual savings of \$26 million.

Visit the [ITP Web site](#) for more **BestPractices** technical publications, software tools, and case studies to help you improve efficiency, productivity, and the bottom line.

TRAINING

Boost your knowledge about managing industrial energy systems. ITP offers technical training in industrial energy systems, which is offered throughout the year and around the country. Here are upcoming training events in March 2004:

March 8, 2004	Process Heating Assessment (End User)	Cincinnati, OH
March 11-12, 2004	Advanced Management of Compressed Air Systems	Westborough, MA
March 12, 2004	Electric Motor Systems (End User)	Phoenix, AZ
March 16, 2004	Fundamentals of Compressed Air Systems	Indianapolis, IN
March 16, 2004	Pumping System Assessment (End User)	Westwood, MA
March 17, 2004	Pumping System Assessment (End User)	Cincinnati, OH
March 17, 2004	Steam System (End User)	Indianapolis, IN

[More Training Sessions in March...](#)

View the [ITP calendar](#) for upcoming workshops in your area. Learn more about [BestPractices training sessions](#) and system software tools.

OTHER RELATED EERE ACTIVITIES

In addition to resources developed through ITP, you may be interested in other related developments throughout DOE's Office of Energy Efficiency and Renewable Energy. [Find out more.](#)

PROJECT OPPORTUNITIES

ITP awards cost-shared funding for R&D and plant assessment projects through a competitive merit review process. Open solicitations are:

Aluminum IOF FY 2004 Opportunity

ITP's Aluminum FY 2004 solicitation will be released on March 5, 2004. ITP anticipates offering one large Grand Challenge award targeting longer term R&D identified in Exhibit 2-3 of the [Aluminum Roadmap](#), along with several smaller awards in all R & D areas. Watch for an official announcement of the solicitation on the ITP [Aluminum Web site](#).

Mining IOF Grand Challenge Opportunity Now Open

The National Energy Technology Laboratory (NETL), on behalf of ITP is seeking applications for cost-shared R&D on technologies to reduce energy use, enhance economic competitiveness, and reduce environmental impacts in the U.S. mining industry. The application period is March 3, 2004 – June 3, 2004. [See full details.](#)

To learn more about project opportunities visit [ITP's solicitation page](#).

Related Web Links

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[DOE Office of Energy Efficiency and Renewable Energy](#)
[Climate VISION](#) [Energy Savers](#)